Cytometer Performance Report

Cytometer:	FACSCantoII	User:	Administrator
Cytometer Name:	FACSCantoII	Institution:	N/A
Serial Number:	V33896201821	Software:	BD FACSDiva 6.1.3
Input Device:	Carousel	Date:	05/10/2016 01:51 PM
Tube Loaded Manually:	Yes	Cytometer Baseline:	04/21/2016 10:14 AM
Cytometer Configuration:	Euroflow 3-laser, 8-color (4-2-2)	P/F:	Pass

Setup Beads

Bead Product: CST Setup Beads, Part #: 910723
Lot ID: 51739, Expiration Date: 01/31/2016 (Expired)
Bead Lot Information: Available

Detector Settings

Laser	Detector	Parameter	Target Value	Actual Target Value	% Difference Target Value	Bright Bead % Robust CV	Mid Bead Median Channel	Mid Bead % Robust CV
Blue	FSC	FSC	125000	123622	-2	3.30	123471	3.23
Blue	F	SSC	125000	122666	-2	5.55	123802	5.36
Blue	E	FITC	17316	16570	-5	4.01	936	9.57
Blue	D	PE	22501	21654	-4	3.72	973	8.80
Blue	B	PerCP-Cy5-5	67647	66785	-2	4.19	1764	13.58
Blue	A	PE-Cy7	80682	79892	-1	5.00	1049	25.05
Red	C	APC	64263	63616	-2	2.72	3590	8.27
Red	A	APC-Cy7	96129	94814	-2	2.75	1882	8.25
Violet	B	V450	11714	11059	-6	3.69	688	8.22
Violet	A	V500	48394	47074	-3	3.24	2663	6.05

Detector Settings (Continued)

Laser	Detector	Parameter	Dim Bead Median Channel	Dim Bead % Robust CV	PMTV	Δ PMTV	Qr	Br	P/F
Blue	FSC	FSC	19070	4.81	591	2	N/A	N/A	Pass
Blue	F	SSC	61016	4.42	514	0	N/A	N/A	Pass
Blue	E	FITC	101	36.58	517	-3	0.0247	152	Pass
Blue	D	PE	201	25.19	512	-2	0.1692	142	Pass
Blue	B	PerCP-Cy5-5	215	40.68	608	1	0.0111	39	Pass
Blue	A	PE-Cy7	78	98.84	664	1	0.0149	12	Pass
Red	C	APC	338	26.46	583	-2	0.0205	4	Pass
Red	A	APC-Cy7	119	38.12	563	-2	0.0044	584	Pass
Violet	B	V450	73	41.18	454	-2	0.0442	1596	Pass
Violet	A	V500	173	23.56	487	0	0.0130	362	Pass

Specifications

PMTV Delta from baseline: 50 (BD)
Violet Laser Primary Channel Bright Bead %Robust CV: 6.00 (Recommended)
Blue Laser Primary Channel Bright Bead %Robust CV: 6.00 (Recommended)
Red Laser Primary Channel Bright Bead %Robust CV: 6.00 (Recommended)

Cytometer Performance Report

Cytometer:	FACSCantoII	User:	Administrator
Cytometer Name:	FACSCantoII	Institution:	N/A
Serial Number:	V33896201821	Software:	BD FACSDiva 6.1.3
Input Device:	Carousel	Date:	05/10/2016 01:51 PM
Tube Loaded Manually:	Yes	Cytometer Baseline:	04/21/2016 10:14 AM
Cytometer Configuration:	Euroflow 3-laser, 8-color (4-2-2)	P/F:	Pass

Laser Settings

Laser	Power (mW)	Power Spec. (mW)	Current (mA)	Current Spec. (mA)	Delay (Trigger on FSC)	Delay (Trigger on Fluorescence)	Area Scaling Factor
Violet	59.55	47.98 - 71.98	N/A	N/A	-31.05	-30.81	0.81
Blue	20.34	16.27 - 24.41	1.26	0.99 - 1.49	0.00	0.00	1.31
Red	16.48	13.28 - 19.92	N/A	N/A	31.37	31.64	1.14

Window Extension: 7.00
FSC Area Scaling Factor: 0.89

Threshold

Threshold (FSC): 10260

Fluidics

FACSFlow Pressure: 3.90 Sample Pressure: 3.70
Spec.: 3.80 - 4.00

Comments